



# CPC Africa Desk InterTropical (ITF) Front Analysis

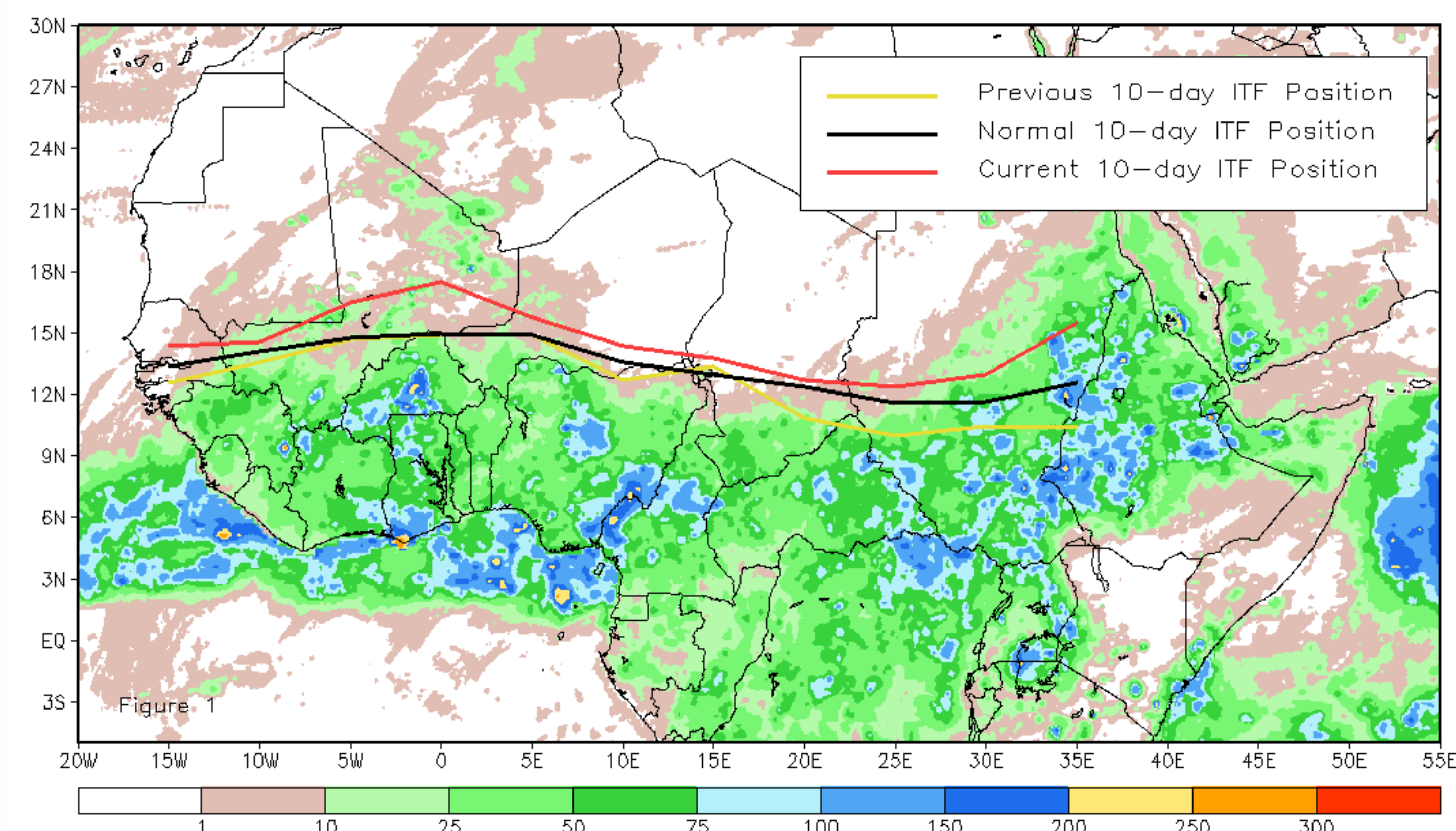
## May 2017, Dekad 2

### Discussion:

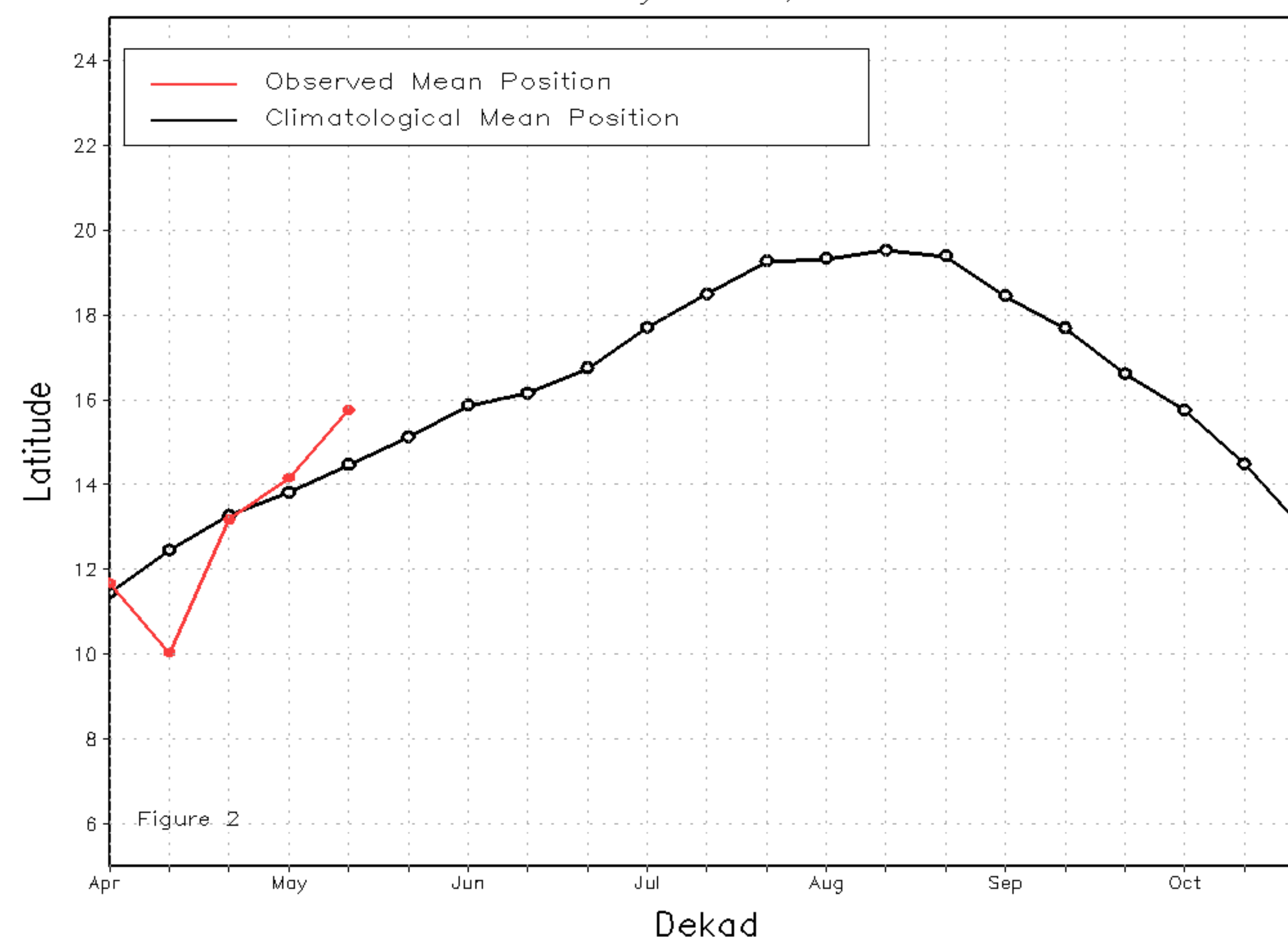
During the second dekad of May (May 11-20), the ITF experienced a northward shift along its entire length. The mean western portion of the ITF (10W-10E) was approximated at 15.8N, located above the climatological normal position (14.5N) for the middle of May and 1.3 degrees north of its previous mean position (14.2). Much of the northward advance has taken place between 5W and 0, allowing heavy rains to advance into Burkina Faso. The mean eastern portion of the ITF (20E-35E) was approximated at 13.4N, a large shift of 3 degrees north from its position last dekad. It normal climatological position during the 2nd dekad of May allowed for an abnormal northward push of moisture on its eastern end. Figures 2 and 3 are time series illustrating the mean latitudinal values of the western and eastern portions of the ITF, respectively, and their seasonal evolutions since the start of April, 2017.

Current vs. Normal Dekadal ITF Position  
and RFE Accumulated Precipitation (mm)

May 2017, Dekad 2



Mean Western Portion of the ITF: Averaged 10W to 10E  
As of: May 2017, Dekad 2



Mean Eastern Portion of the ITF: Averaged 20E to 35E  
As of: May 2017, Dekad 2

